

DSI10402_ST25.txt
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<110> Cosenza, Lawrence W.
<120> SACROMASTIGOPHORIC THERAPEUTIC AGENT DELIVERY SYSTEM
<130> DSI-10402/22
<140> US 10/735,203
<141> 2003-12-12
<150> US 60/433,269
<151> 2002-12-13
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<220>
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<400> 10
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<223> Recombinant echovirus 1 VP1 shell protein

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<221> gene

<222> (1)..(843)

<223> Native VP1 shell protein

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caggcagtac ctggtgatac catgcagact agacatgtga tcaacaatca cgtgaggtca      180
gaatctacaa ttgagaactt ccttgccaga tcagcgtgtg ttttctacct agagtacaag      240
acagggacca aagaggattc caatagcttc aacaattggg tgattacaac caggcgagtg      300
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<223> Native VP3 shell protein

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 <303> Mol. Biochem. Parasitol.
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 <306> 291-294
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<302> No trypanosome lytic activity in the sera of mice producing human
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35 40 45

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50 55 60

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Gly Asp Lys Leu Pro Glu Cys Glu Ala Val Cys Gly Lys Pro Lys Asn
85 90 95

Pro Ala Asn Pro Val Gln Arg Ile Leu Gly Gly His Leu Asp Ala Lys
100 105 110

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 130 135 140

Asn Leu Phe Leu Asn His Ser Glu Asn Ala Thr Ala Lys Asp Ile Ala
 145 150 155 160

Pro Thr Leu Thr Leu Tyr Val Gly Lys Lys Gln Leu Val Glu Ile Glu
 165 170 175

Lys Val Val Leu His Pro Asn Tyr His Gln Val Asp Ile Gly Leu Ile
 180 185 190

Lys Leu Lys Gln Lys Val Leu Val Asn Glu Arg Val Met Pro Ile Cys
 195 200 205

Leu Pro Ser Lys Asn Tyr Ala Glu Val Gly Arg Val Gly Tyr Val Ser
 210 215 220

Gly Trp Gly Gln Ser Asp Asn Phe Lys Leu Thr Asp His Leu Lys Tyr
 225 230 235 240

Val Met Leu Pro Val Ala Asp Gln Tyr Asp Cys Ile Thr His Tyr Glu
 245 250 255

Gly Ser Thr Cys Pro Lys Trp Lys Ala Pro Lys Ser Pro Val Gly Val
 260 265 270

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 275 280 285

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Asp Leu Glu Glu Asp Thr Trp Tyr Ala Ala Gly Ile Leu Ser Phe Asp
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<212> PRT
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<220>
<221> misc_feature
<222> (1)..(4)
<223> Echovirus 1 VP4 protein terminal sequence mutant

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